

## Product datasheet for **RN204675**

### **Ddx51 (NM\_001107150) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ddx51 (NM_001107150) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddx51
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN204675 representing NM\_001107150  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCTGTCCACATAGCGCGGTACGCGGGCCCGGAGGCTGCGGGGCTGGGGATACGGAGGCAGAGG  
 CCGGAGCCGAGCTCGAGTGCTTCTGGAGCGACTGCAGAACAGAGCCCGTGAGCGGGAGCAGCGGCAGCC  
 GGAGCTCGAGTCCACCGGACGGCTGCGGAAGCGCCAGTTAGGCGGCGACGGCGGCCCGACGGCGGCGT  
 GGGGTGAGCGGCTCGGTGGCTGAGAAGCCGGAGGCTCCTAGGGCTAAGCGGCAGAAAGTGAAGACGACG  
 TGGACGCAGGGAGAGGTGAGGAGACGCCGAGGAGCTCAGTGAGAGTGCAGAGGCCAGGTGAGAGCCC  
 TCAGGAGGATGTCAGAGACCCCGACTCCAGGCCGGTGTGGGGGACTTTGCAAGGAAGAAGTTCCG  
 AAGGTCCAGCCTTTCCTGCCAGCATGGTTGCCAAGCCAAGCTGTGTCAAGAAGAGTGTCACTGAGGATC  
 TTA CTCTATTGAGGACATCCCTGAGGTTACCCTGACTTGCAAGAAGCAGTTGAGGGCTAATGGCATCTC  
 TTCTACTTTCCAGTCCAGGCAGCTGTGATTCCCGCCCTCCTCGAGAGTGTGACAATGGATTTCTCGTA  
 GGAGAGGTGGCTACCAACCTAGTGACCTCTGCGTTTCTGCCCAACAGGCAGTGGGAAAACACTGGCCT  
 TTGTCATCCCCGTGGTGAAGCCCTGTTGCATCGAGTGGTCTGTACATCCGTGCGCTGGTTGTGCTTCC  
 CACTAAGGAGCTGGCCCAACAGGTGAGCAAAGTATTCAACATCTACACGGACACCACACCTCTGCGGGTT  
 GCCTTGGTGACTGGACAGAAGTCACTGGCCAAGGAGCAGGAGAGCCTTGTCCAGAAGACAGCAGATGGTT  
 TCTGTTGCTGGCTGACATTGTGGTGGCCACACCTGGCCGCTGGTGGACCACATTGACCAGACTCCAGG  
 ATTCAGCCTCCAGCAGCTCCGCTTCTGATCATTGATGAGGCTGACCGGATGATAGACAGCATGCACCAG  
 TCCTGGCTGCCACGAGTGGTGGCGGCAGCCTTCTACACTGAGGACCCACAGGCTCCTGTGCCCTGCTCC  
 AGAGGACACAGCCCGAGGCTGTGACTGCTGCCAGCACCTGCATTCCCGAGATGCCCTGCAAGAAGTGT  
 GTTCTCAGCCACACTGACCCAGAACCCTGAGAAGCTGCAGCGCCTCGGCCTGTACCAGCCAAGGCTTTTC  
 TCCACAAGGCTGGGACACCAAAGCCCTAGAGACACAGTTGAGGTGGATGAAAACCTGGGGAAGTACACCT  
 TCCCTGTGGGCTCACGCATCACTATGTGCCATGCAGACTCAGCTCGAAGCCACTATTGTCTTTACCT  
 GGTCTTGGGATGAAGTCTCGAGGGCTCTTGTCTTACCAACTCCCGAGAGAATCCCACAGGCTCTTC  
 CTGTTAGCACAAGCTTTGGGGGTGTGAGTGTGGCTGAATTCTCCTCCCGCTATGGGCTGGCCAAAGGA  
 AGAAAATCTTGAAGCAGTTTGAACAGGAAAGATCCAGCTGGTAGGGAGAACAGCCCGAGCTGGGAAAAC  
 TGGACAGGCCCTTACACTTCTTGAAGTGCAGGAAAGGAAGTTCCTTCAGATGGTGTGAGAAGCTGGG  
 GTGCCCTGAGCTGGCATGCCATGAGTCCCAGGAAGCTCCTGCAGCCACTGGTTGCTCGTTACGAGACAG  
 CCTGTCTCAGCTGGAGAAAAGTCAAGGAGGAACAAAAGCTGAAGGCAGCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001107150

**Insert Size:** 1806 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001107150.1](#), [NP\\_001100620.1](#)

**RefSeq Size:** 2619 bp

**RefSeq ORF:** 1806 bp

**Locus ID:** 304570

**Cytogenetics:** 12q16